WHAT IS CLAIMED IS:

1. An image forming apparatus comprising:
a printer forming an image on a printing medium;
a first power supply supplying electric power to said printer;
an interface communicating with an external communication terminal;
a detector detecting a change in status in said image forming apparatus;
a second power supply supplying electric power to said interface and said detector; and
a controller,
said controller being provided to control said first power supply and said second power supply and
while said first power supply is turned off and said second power supply is turned on, said controller transmitting a result of detection by said detector to said communication terminal via a network.

2. The image forming apparatus according to claim 1, wherein said controller transmits said result of detection upon request from said communication terminal.

3. The image forming apparatus according to claim 1, wherein said controller is provided to turn on said first power supply upon receiving a print job from said communication terminal.

4. The image forming apparatus according to claim 1, wherein said printer includes
a photoreceptor forming an electrostatic latent image,
a development unit forming a toner image on said photoreceptor,
a transfer unit transferring said toner image onto the printing medium, and
a fuser fixing said toner image on said printing medium, and

said detector includes at least one of

a fusing temperature detector detecting a fusing temperature,

10   a moisture detector detecting moisture of said printing medium,

a remaining-amount detector detecting a remaining amount of said printing medium,

a photoreceptor sensitivity detector detecting sensitivity of said photoreceptor, and

15   a transport position detector detecting a position where said printing medium is transported.

5.   The image forming apparatus according to claim 1, wherein said detector detects a plurality of statuses and said detector includes a plurality of detector units provided respectively for said statuses.

6.   The image forming apparatus according to claim 5, wherein said plurality of detector units are individually switched between an energized state and a deenergized state.

7.   The image forming apparatus according to claim 6, wherein said second power supply includes power supply units provided respectively for said plurality of detector units.

8.   The image forming apparatus according to claim 6, wherein said second power supply further includes switches respectively switching said plurality of detector units between the energized state and the deenergized state.

9.   An image forming apparatus comprising:
a printer forming an image on a printing medium;
a first power supply supplying electric power to said printer;
an interface communicating with an external communication
5   terminal;
a detector detecting a change in status in said image forming

apparatus;

a third power supply supplying electric power to said detector;

a fourth power supply supplying electric power to said interface; and

10   a controller,

said controller being provided to control said first power supply, said third power supply and said fourth power supply, and

while said first power supply and said third power supply are turned off and said fourth power supply is turned on, said controller turning on

15   said third power supply upon request from said communication terminal.

10.   The image forming apparatus according to claim 9, further comprising a storage unit storing a result of detection by said detector, wherein

said controller stores said result of detection in said storage unit

5   when said third power supply is turned off and transmits said result of detection stored in said storage unit upon request from said communication terminal.

11.   The image forming apparatus according to claim 10, further comprising a clock starting clocking after said first power supply is turned off, wherein

upon request from said communication terminal, a value to be

5   replied upon the request is determined based on said result of detection stored in said storage unit and time clocked by said clock.

12.   A method of controlling an image forming apparatus,

said image forming apparatus including:

a printer forming an image on a printing medium;

a first power supply supplying electric power to said printer;

5   an interface communicating with an external communication terminal;

a detector detecting a change in status in said image forming apparatus;

a second power supply supplying electric power to said interface and
10   said detector; and
a controller controlling said first power supply and said second power
supply, and
said method comprising:
a power-supply control step of making a transition of said first power
15   supply from a turned-on state to a turned-off state;
a detection step of detecting by said detector a change in status in
said image forming apparatus; and
a transmission step of transmitting a result of detection to the
communication terminal.

13.   The method of controlling an image forming apparatus
according to claim 12, wherein
in said transmission step, the result of detection is transmitted upon
request from said communication terminal.

14.   The method of controlling an image forming apparatus
according to claim 12, further comprising the step of turning on said first
power supply upon receiving a print job from said communication terminal.

15.   The method of controlling an image forming apparatus
according to claim 12, wherein
said printer includes
a photoreceptor forming an electrostatic latent image,
5   a development unit forming a toner image on said photoreceptor,
a transfer unit transferring said toner image onto the printing
medium, and
a fuser fixing said toner image on said printing medium, and
said detector detects at least one of
10   temperature of a fusing roller,
moisture of said printing medium,
remaining amount of said printing medium,

sensitivity of said photoreceptor and

position where said printing medium is transported.

16. The method of controlling an image forming apparatus according to claim 12, wherein

a plurality of statuses in said image forming apparatus are detected, and

5 in said detection step, a plurality of detector units provided respectively for said plurality of statuses detect a change in status.

17. The method of controlling an image forming apparatus according to claim 12, wherein

a plurality of statuses in said image forming apparatus are detected, and, said method further comprises the steps of:

5 detecting a change in status by a plurality of detector units provided respectively for said plurality of statuses; and

selecting a detector unit from said plurality of detector units according to a request from said communication terminal and energizing the selected detector unit.

18. The method of controlling an image forming apparatus according to claim 12, wherein

said second power supply includes a power supply supplying electric power to said detector and a power supply supplying electric power to said

5 interface, and

said method further comprises the step of, while said first power supply and said power supply to said detector are turned off and said power supply to said interface is turned on, turning on said power supply to said detector by said controller upon request from said communication terminal.

19. The method of controlling an image forming apparatus according to claim 18, further comprising the steps of:

storing the result of detection in a storage unit provided to said

image forming apparatus when the power supply to said detector is turned
5   off; and

transmitting the result of detection stored in said storage unit upon
request from said communication terminal.

20.   The method of controlling an image forming apparatus
according to claim 19, further comprising the steps of:
starting clocking after said first power supply is turned off; and
determining, upon request from said communication terminal, a
5   value to be transmitted to said communication terminal based on the result
of detection stored in said storage unit and time obtained by clocking.